

NAVAL FACILITIES ENGINEERING COMMAND

1322 PATTERSON AVE SE STE 1000
WASHINGTON DC 20374-5056



FY04 SAFETY & HEALTH PROGRAM IMPROVEMENT PLAN

DECEMBER 2003

NAVFAC SAFETY SUPPORT OFFICE

SECTION I

NAVAL FACILITIES ENGINEERING COMMAND



*FY03 SAFETY & HEALTH PROGRAM
SELF-ASSESSMENT*

FY03 NAVFAC SAFETY & HEALTH PROGRAM SUMMARY

CONTRACT/CONSTRUCTION SAFETY: Mishap rates for NAVFAC contractors Command-wide are consistently maintained below 1.0 injuries/hundred work years as compared to the national average of 4.0 injuries/hundred work years for the Construction Industry. With the exception of EFD Pacific who experienced a rate of 1.54, all other EFDs had rates of less than 0.5. Excluding Kahoolawe, EFD Pacific had a rate of 1.19. During FY03, 3 contractor fatal injuries occurred on NAVFAC Construction projects. While that equals the second lowest number of fatal mishaps since FY95, by comparison, during FY02 we experienced 0 fatal contractor mishaps.

NAVFACENGCOM Safety Support Office (NSSO) in coordination with the Construction Safety Working Group developed safety selection criteria for all source selection contracts, which will enable us to make safety one of the critical elements in the selection of contractors working on Naval facilities. The selection criteria includes weighted scores for Experience Modification Rate (EMR), OSHA Lost Workday Incidence Rate, OSHA Recordable Incidence Rate, OSHA Citations, and Safety Awards/Recognition

NAVFAC integrated Operational Risk Management (ORM) fully into the construction process. NAVFAC's 40-hour Construction Safety Awareness Training course, which is mandatory for all ROICC personnel, was modified to include ORM training. In addition, a standardized ORM training program is available on our Naval Facilities Safety and Health Web Site. A pilot 1-day safety orientation program for superintendents and safety officers is being developed and is scheduled for 1st quarter FY04 at LANTDIV. NAVFAC is partnering with the Association of General Contractors to teach this course to construction contractors, training them the provisions of EM-385-1-1, "*US Army Corps of Engineers Safety & Health Requirements Manual*" and NAVFAC's contract safety requirements. In FY03, development of CBT/web-based training for specific sections of EM-385-1-1 was initiated and continued in FY04..

NSSO led the Construction safety Working Group in the development of a standardized evaluation tool for all ROICC offices to use in conducting contractor site safety analyses. These analyses are used as part of our Quality Assurance and Government oversight to ensure that the contractor's safety program meets contract requirements for safety. This process is also used as the basis for a Contractor Safe Site Award Program voluntarily administered by the ROICCs. A standardized self-assessment tool was developed for our EFDs/EFAs to use in evaluating the safety programs within each ROICC. Each ROICC's safety program is evaluated at least every 3 years.

The Facility Accident and Incident Reporting (FAIR) System is a fully operational Web-based application implemented throughout NAVFAC for reporting and tracking contractor mishap and manhour data. This system allows users to report, track and analyze contractor mishap and manhour data in order to identify trends and contractor safety performance. It provides real-time management reporting for reviewing trends and tracking safe and/or unsafe contractor performance. In addition, it is a central repository for accessing and downloading mishap data in support of additional analysis required by the Construction Industry Institute (CII) OSHA and/or reporting requirements that may be required by site offices or commands. The ability to capture and identify unsafe practices on our project sites and poor contractor performance gives us the ability to identify program deficiencies and make management decisions for construction safety program improvements. To date this is the only fully operational active web-base reporting system within DOD that allows real-time tracking and analysis capabilities. It is adaptable DOD/Navy wide.

EM 385-1-1: "*US Army Corps of Engineers Safety & Health Requirements Manual*" NSSO served as the lead for Navy on the Tri-service team that updated and revised EM-385-1-1 during 2002/2003.

UFGS 01525: NSSO revised the guide specification for safety and health based upon the new EM-385-1-1 and served as the chairperson of the Tri-service working group.

NSSO served as Navy's representative on the National Safety Council's Construction Division and the Editorial Advisory Board.

OCCUPATIONAL SAFETY & HEALTH: During FY03 we did not meet our target for reducing the Command's Lost Time Injury Rate for our NAVFAC Civilian Employees by 10% per year. Command-wide we experienced a 2% increase in Lost Time Injuries in FY03 than we had in FY02. Public Works Centers experienced a 5% increase in Lost Time Mishaps in FY03 as compared with FY02. PWCs Norfolk, San Diego, Pearl, Glakes, and Washington all experienced increased lost time mishap rates in FY03 as

compared to their FY02 performance. PWCs Washington and Pearl experienced the greatest increases of 124% and 18 % respectively. However, PWCs Pensacola and Jacksonville experienced decreases in their rates of 66% and 56% respectively in FY03 as compared to FY02. PWC Pensacola became a detachment of Jacksonville 1 October 2003. With the transfer of a number of remote Public Works Detachments to PWCs Norfolk, Washington, Glakes, Jacksonville and San Diego effective during FY04, mishap reduction will even more difficult and will require continuous management attention and leadership.

The NAVFAC Facilities Team Survey (FacTS) overall results published July 03 indicates that:

- 83% of our workforce believes that Safety is a priority within their workgroup
- 81% believe that they have been properly trained to conduct their job safely.
- 79% believe they have been provided adequate tools/equipment to do their job safely.

SELF-ASSESSMENT AND IMPROVEMENT PLANS: NSSO led the PWC Safety Working Group in the development of a self-assessment process tailored to PWCs. The CNO Process Review and Measurement QMB reviewed all self-assessment processes and tools used by major claimants. The QMB elected to adopt the PWC process with minor modification for use Navy-Wide.

ELECTRICAL SAFETY: NSSO-EICO is leading a tri-service working group that has initiated revision and updating of MIL-HDBK 1025/10 *Safety of Electrical Transmission & Distribution & Systems* into a new Unified Facilities Criteria that will cover all electrical safety. Once completed NSSO-EICO will update OPNAV P-45-117-6-98 *DON Electrical Safety Field Guide* based upon the UFC and the guide will become an addendum to the UFC. Pocket-sized handbooks will be made available to appropriate Navy ashore field activities.

SOPs/JHAs: NSSO in coordination with the PWC Safety Working Group developed standardized format and content for all NAVFAC Standard Operating Procedures and Job Hazard Analyses. NSSO is currently developing a master inventory listing, identifying process owners to review and update these SOP/JHAs, and posting corporate SOP's on the NAVFAC Safety web site for ready access. Future plans include the possible integration of these SOPs/JHAs into MAXIMO.

MOLD: EICO-NSSO developed and published Interim Technical Guidance for Mold Remediation, ITG FY03-04 on 6 June 2003. The guide provides basic criteria and information governing the assessment and remediation of mold. NAVFAC HQ, EICO and NSSO participated in the formation of the Mold and Building Alliance. The Alliance comprised representatives from the National Institute of Building Sciences (NIBS), major federal agencies, organizations, and associations concerned with the management of risk related to mold in will provide a central forum for the development of guidance information and data related to all aspects of the mold issue. Technical committees of the Council will address topics of property inspection, management and remediation, as well as health and liability concerns. The overall objective of the Council is to apply the best science to the equitable resolution of issues resulting from mold in buildings.

NAVFAC SAFETY WEB SITE: During FY02/03, the NAVFAC Safety Web Site was totally reconstructed and is available at <http://www.navfac.navy.mil/safety/>. The site provides NAVFAC activities, other DOD and DON activities, and the public with safety and occupational health technical information related to construction, design, environmental, and public works processes. In addition to providing technical information and links on numerous topics including fall protection, ergonomics, electrical safety, mold remediation, etc. the site contains our safety and FECA metrics, instructions, SOPs, Chief's safety policy and relevant messages. CNO, Claimants and field activities continuously praise the site for being an excellent resource tool.

CNO HAZARD ABATEMENT: The Hazard Abatement program continued to support safety programs throughout the Navy. The program continued to focus on ergonomics and fall protection and executed 30 projects, 21 ergonomic and 9 fall protection, for a total of more than \$4million. Ergonomic hazards were addressed in a wide variety of environments including: munitions handling, CB construction, industrial operations, fire fighting, and hospital operating rooms. In addition, two contract ergonomists were funded to provide expert consultation and engineering services support Navy-wide. Fall protection projects were executed for dry-docks, Helix houses, aircraft maintenance operations and building maintenance activities. A summary of the rest of the HA program projects by primary hazard category includes: 13 ventilation, 7 fire, 4 noise, 3 electrical, 1 heat stress, 1 emergency egress, and 1 drowning protection. The HA program work with the Norfolk Navy Ship yard to pilot solutions for reduce the ergonomic hazards for installing lead shielding and replacing transducers in submarines.

Once complete these solutions will be exported globally to shipyards and SIMAs.

There were several management changes this year as a new HA program manager took over during FY04 and in addition, the resource sponsor changed from N454 to N46 CNI, with the N454 office moving under the Navy Safety Center. The Online HA Database available at:

<http://www.navfac.navy.mil/safety/webha/generaluser/fsetmain.htm>, was upgraded to include project execution information and expanded access for facility managers. Finally, the NAVFAC HA project managers in coordination with the major claimants are committed to streamlining the submission and execution process and finding innovative ways to implement solutions globally throughout the Navy.

FALL PROTECTION: During FY 03 the NAVFAC Fall Protection Engineer chaired the CNO QMB that developed Navy ashore fall protection policy, procedures, and requirements to be incorporated into OPNAVINST 5100.23 (series). The Fall Protection Engineer also revised and improved the Navy Fall Protection guide that is available at <http://www.navfac.navy.mil/safety/site/Fall/docs/fall03.pdf>. The NAVFAC Fall Protection Engineer is currently leading the QMB in its efforts to establish similar policy, procedures and guidance for the afloat community. He provides awareness training to the OICCS, safety professionals and Navy architects and engineers. He also serves as the Navy's representative on various national and international committees such as ANSI Z359 and as a member of the US Technical Advisory Group to ISO for drafting fall protection standards.

ERGONOMICS: During FY 03 the NAVFAC Ergonomics Program Manager (EPM) chaired the CNO Ergonomics Quality Management Board (EQMB) updating Navy policy for OPNAVINST 5100.23 (series). The EPM serves as the Navy's representative to the DoD Ergonomics Working Group, which is the technical advisor to DoD Components through the DoD Safety and Occupational Health Committee regarding the safety and health aspects of work-related musculoskeletal disorders. A Memorandum of Understanding (MOU) between NAVOSHENVTRACEN and SOUTHWESTNAVFACENGCOM was established to develop and present the Navy Ergonomics Program Course (A-493-0085). Four courses were conducted in FY03 and five courses are scheduled for FY04. A NAVFAC Safety and Health Ergonomics web page was developed and includes a new office assessment tool "Computer Workstation Checklist" <http://www.navfac.navy.mil/safety/site/ergo/checklist.pdf>. This checklist is intended to assist activities in evaluating office workstations and inclusion in OPNAVINST 5100.23 (series).

METRICS:

Two safety metrics are included in the Command's quarterly Readiness & Business Integrations (RBI) Metrics Briefings. Item 02.1a measures the Command's Lost time Injury Case Rate while item 02.1b measures our Contractor Incidence Rate.

Status of Safety Objectives identified in the Chief's Guidance to Leaders 2003 were reviewed monthly (see objectives 20.2-20.5)

In addition, EFD/EFA/PWC and Specialty Office safety performance is tracked quarterly and include lost time injury case rate and total injury case rate. Statistics are available at <http://www.navfac.navy.mil/safety/site/metrics/injury.htm>

Four Pilot leading indicators for Public Works Centers Safety and Health Programs are being evaluated and tracked quarterly.

Construction/Contractor safety metrics are tracked in real time and available on-line via the FAIR program at http://www.navfac.navy.mil/safety/fair_3_0/forms/fsetmain.htm (password protected)

The Public Works Safety Working Group developed four leading NAVOSH Performance Metrics (deficiency abatement, ORM training, Supervisory training & workplace inspections). PWCs are currently piloting these metrics to determine effective data collection and their relevance to NAVOSH Program performance and mishap rates.

WEIGHT HANDLING (Ref: NCC msg R 081115Z DEC 03)

In FY03, 185 navy shore weight handling equipment (WHE) accidents were reported to the Navy Crane Center. This represents a 39 percent reduction from the FY99 baseline year. Combined significant accidents of personnel injuries, dropped loads, two-blockings and overloads continued to be a relatively small percentage of total accidents. Only one accident met the threshold for reporting to the naval safety center. Human error accounted for 95 percent of the accidents last year

Contractor crane accidents are still a serious problem. As in previous years, most of the contractor crane accidents reported were serious and included a collapsed boom, a tipped crane, two other overloads, four dropped loads, and three serious injuries.

NCC audits in FY03 found 80 % of shore activity weight handling programs substantially in compliance with NAVFAC P-307. This was the sixth straight year of improved performance from the FY98 baseline year when 19 % were in substantial compliance. Activity rigging programs showed improvement overall, however, the audit teams found rigging program deficiencies at 85 of the 131 activities audited. A significant number of deficiencies involved slings, in particular synthetic slings. In addition to FY03 crane accident information under crane safety, a complete review of FY03 unsatisfactory crane results and other audit findings can be found in the audit report at the NCC web site, <http://www.ncc.navfac.navy.mil/>



FY03 Program Improvements – Contracts/Construction Safety (CS)

Goal: Standardize Construction safety across NAVFAC

Target: 0 Contractor Fatalities

Reportable Incidence Rate less than 1.0

Initiatives	Actions/Status
Operational Risk Management	<ul style="list-style-type: none"> Implement/Incorporate the NAVFAC Construction ORM presentation. NAVFAC-wide. Status: Complete, Web based training developed and posted 7/02. NAVFAC 40 hour course updated to include ORM training. All EFD/EFA/Field offices have implemented the required training. ORM is now an ongoing process throughout the construction community.
Contracts	<ul style="list-style-type: none"> Complete policy development of standardized Safety Factor for Contractor Performance process and implement NAVFAC-wide. Status: Process revised and forwarded to ACQ on 7/9/03 for review/approval/implementation NAVFAC-wide.
EM-385-1-1	<ul style="list-style-type: none"> Coordinate revision/changes with COE. Status: Complete 8/03. Coordinate purchase of new manuals and distribution to field activities. Status: Complete. Funds for purchase of manuals obligated Sept 03. Update the NAVFAC correspondence courses. Status: Due to late issuing of EM-385-1-1 this task will carry over to FY04. Implement correspondence course guidance and testing NAVFAC-wide. Status: Due to late issuing of EM-385-1-1 this task will carry over to FY04. Develop one CBT/web-based training module for selected section. Status: Scope of work finalized and contract awarded Sept 03.
UFGS-01525	<ul style="list-style-type: none"> Update as needed. Status: Complete 10/03, Requirements of the new EM-385-1 incorporated.
Mishap Reporting	<ul style="list-style-type: none"> Finalize draft requirements/guidance and publish Status: Updated and issued 10/03. Interim Guidance will be incorporated into NAVFACINST 5100.11 during FY04. Identify & develop needed HQ and field reports Status: Complete 09/03.
Work-hour Reporting	<ul style="list-style-type: none"> Identify and develop needed HQ and field reports. Status: Complete, 09/03. Update FAIR tables and forms to ensure user-friendly edition. Status: Complete 09/03.
Construction Safety Training	<ul style="list-style-type: none"> Re-evaluate, update and issue guidance on the NAVFAC 40-hour Construction Safety Hazard Awareness training course. Status: Course updated to include ORM training but due to late issuing of EM-385-1-1 this task will not be accomplished until FY04. Develop a contractor safety orientation program for superintendents and safety officers (if funding is available) Status: Lesson plans developed. Pilot course scheduled for 1st quarter FY04 at LANTDIV.

Initiatives	Actions/Status
Community Management Prog.	<ul style="list-style-type: none"> Identify courses for competencies Status: Carry over to FY04.
Self-Assessment Survey	<ul style="list-style-type: none"> Implement the newly developed standardized NAVFAC-wide construction safety evaluation/self-assessment survey for EFD/EFA's & ROICC's <ul style="list-style-type: none"> For EFD/EFA use – Status: Complete, Revised and reissued 08/03. Fully implemented by EFD LANT, PAC and SOUTH in FY03. For ROICC use -- Status: Complete, Fully implemented by EFD LANT and PAC. Not being used by EFD SOUTH and SW.
Information Technology	<ul style="list-style-type: none"> Update and expand the Construction Safety Web Page Status: Complete. Develop and provide standardized in-house training plans for field activity training Status: Carry over to FY04.



FY03 Program Improvement – Public Works Safety (PW)

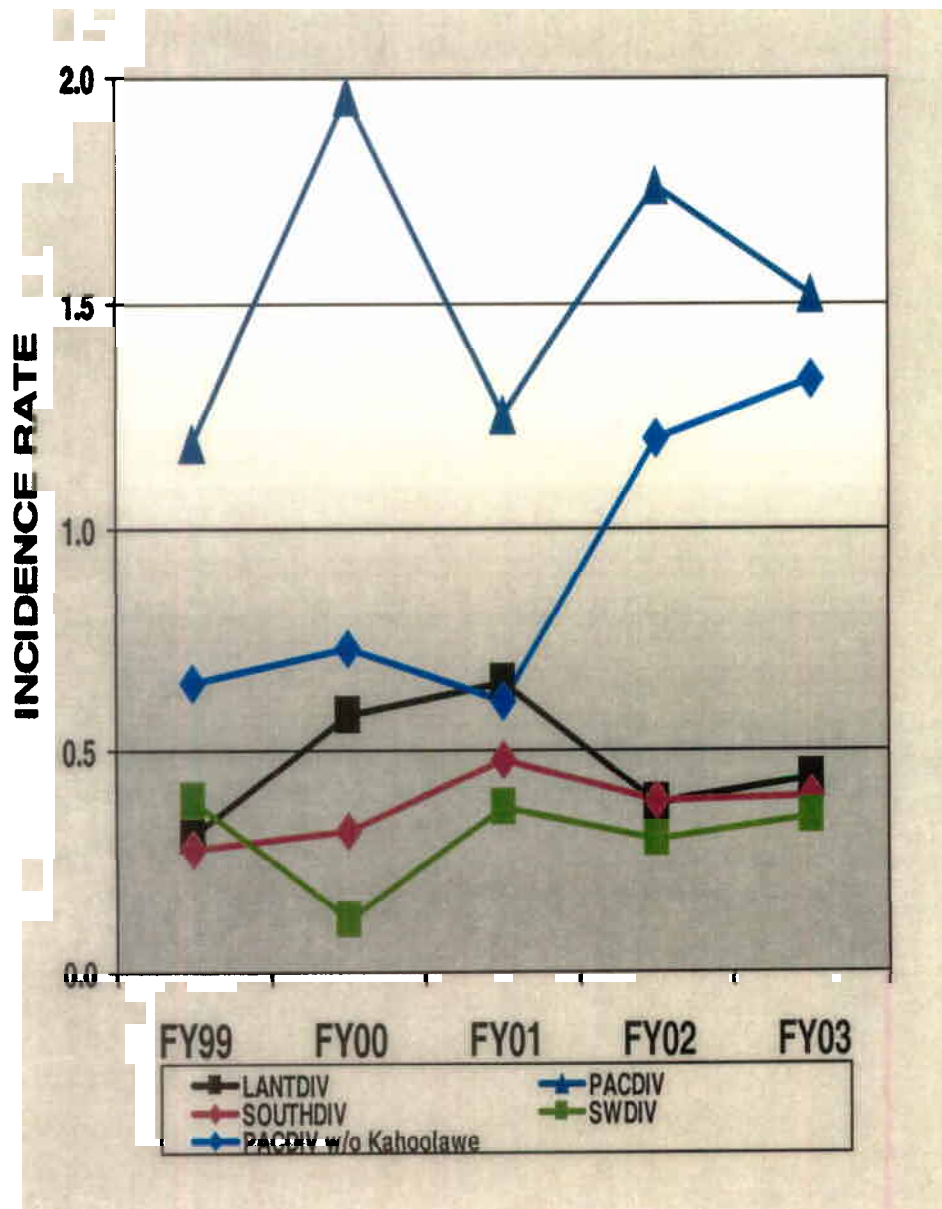
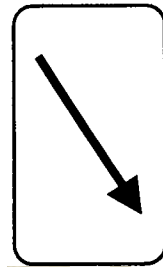
**Goal: Standardize Public Works safety across NAVFAC
Continuous program improvement as indicated by
validated self-assessments and reduction of lost time mishaps
and lost productive days**

Initiatives	Actions/Status
Self-Assessments	<ul style="list-style-type: none"> Re-evaluate and modify as required, the standardized self-assessment process & format. Status: Complete, Modifications made during 12/02 & 6/03 PW Working group meetings. PW Self Assessment Process was adopted by the CNO PR&MS QMB with minor modification, for use Navy-Wide. Conduct quarterly analyses of standard metrics/leading indicators to identify command wide opportunities for improvement. Status: Complete.
Public Works Safety Training	<ul style="list-style-type: none"> Develop matrix of delivery vehicles including CBTs for unique PW safety training. Status: Carry over to FY04. Develop standardized ergonomics, fall protection & electrical safety training programs. Status: Carry over to FY04.
Electrical Safety	<ul style="list-style-type: none"> Revise/Update in coordination with EICO the Electrical Safety Field Guide to a UFC. Status: Contract awarded 7/03 to update MIL-HDBK 1025/10 to a UFC. Tri-service working group established. Navy Field Guide to be an appendix to the UFC. Carry over to FY04.
Mold Remediation	<ul style="list-style-type: none"> Issue Guidance for Mold Remediation. Status: Complete NAVFAC ITG FY03-04, NAVFAC Mold Response Manual released on 06 June 2003 Develop in coordination with EICO/NEHC a UFGS for Mold Remediation. Status: Carry over to FY 04, project initiated in-house.
Operational Risk Management	<ul style="list-style-type: none"> Standardize operating procedures/job hazard analysis and interface w/ MAXIMO. Status: A standardized format/content was developed for all NAVFAC SOPs and JHAs. Inventory/master listing developed and corporate SOP's posted on the NAVFAC Safety web site. Possible integration into MAXIMO carried over to FY04.
Resource Requirements (Automation)	<ul style="list-style-type: none"> Modify OSHMAP to meet all PWCs needs. Status: Delayed due to NMCI. Carry over to FY04, once all PWCs have Microsoft 2000. Obtain NMCI Certification. Status: Complete Determine FY04/05 system maintenance/funding requirements and submit FY04/05 RAP requirements. Status: RAP FY04 justifications submitted.
Information Technology	<ul style="list-style-type: none"> Update & expand the Public Works Safety Web Page. Status: Complete, excellent feedback from CNO, claimants, field activities.

O.2.1b – Contractor Incidence Rate

FY99-FY03
as of 30 Sept 03

Desired Trend



***Definition: IR = #
of Reportable
Injuries per 100
Workers
Target:
Incidence Rate
less than 1.0***

***Data from
Facility
Accident/Incident Reporting
(FAIR) Web
Data Base
System***

23 December 2003

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	FY	Manhours	Accidents	IIR
EFD LANT	1997	17,144,407	36	0.4200
	1998	16,929,021	26	0.3072
	1999	19,384,958	30	0.3095
	2000	16,421,135	48	0.5846
	2001	17,327,953	56	0.6464
	2002	20,223,900	41	0.4055
	2003	20,185,843	44	0.4359
EFD PAC	1997	3,540,471	13	0.7344
	1998	7,714,070	29	0.7519
	1999	5,867,696	35	1.1930
	2000	6,543,243	64	1.9562
	2001	8,081,054	49	1.2127
	2002	7,320,809	67	1.8304
	2003	6,982,076	53	1.5182
EFD SOUTH	1997	9,430,552	30	0.6362
	1998	12,729,529	20	0.3142
	1999	8,458,180	12	0.2837
	2000	7,592,384	12	0.3161
	2001	6,618,589	16	0.4835
	2002	6,591,201	13	0.3945
	2003	6,983,578	14	0.4009
EFD SOUTHWEST	1997	4,376,008	17	0.7770
	1998	6,757,281	16	0.4736
	1999	6,714,709	16	0.4766
	2000	6,805,464	11	0.3233
	2001	6,537,080	12	0.3671
	2002	8,189,090	16	0.3908
	2003	5,208,669	9	0.3456

IIR by EFD for FY97 - FY03

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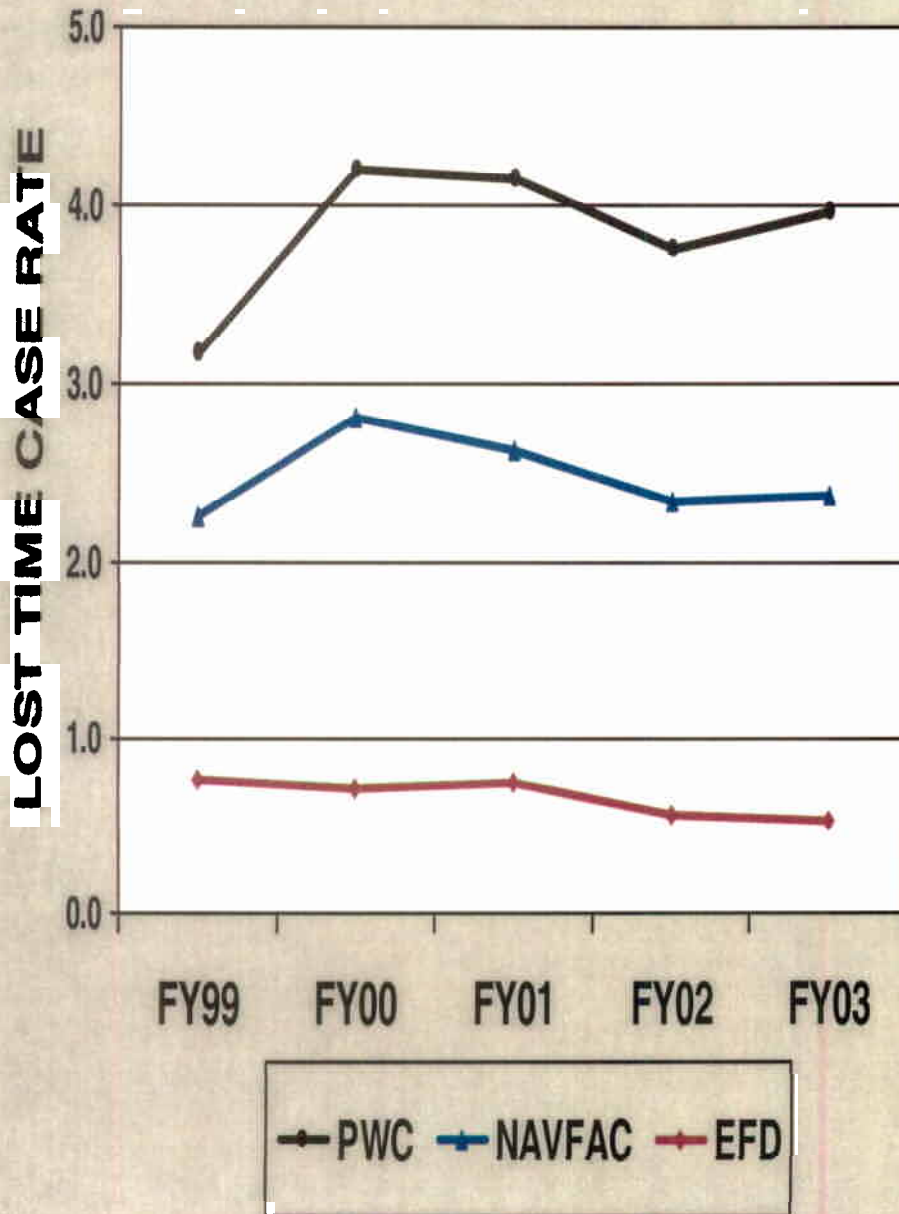
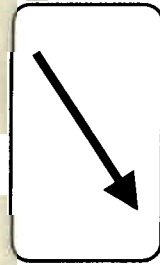
	FY	Manhours	Accidents	IIR
EFD PAC (w/o ROICC KAHO'OLAWE)	1997	3,540,471	13	0.7344
	1998	7,714,070	29	0.7519
	1999	5,506,468	18	0.6538
	2000	5,734,995	21	0.7323
	2001	6,967,253	20	0.5741
	2002	6,114,981	39	1.2756
	2003	5,644,029	32	1.1339

O.2.1a - Lost Time Injury Case Rate

FY99-FY03

as of 30 Sept 03

Desired Trend



Definition: # of Civilian Injuries & Illnesses Resulting in Time Lost After the Day of Injury per 100 workers

Target: -10 %/Year

FY03 LTICR

Targets

EFDs- 0.60

PWCs- 3.30

NAVFAC-2.30

Injury data obtained from OWCP FECA Table 2 Reports. Population data from DCPDS

23 December 2003

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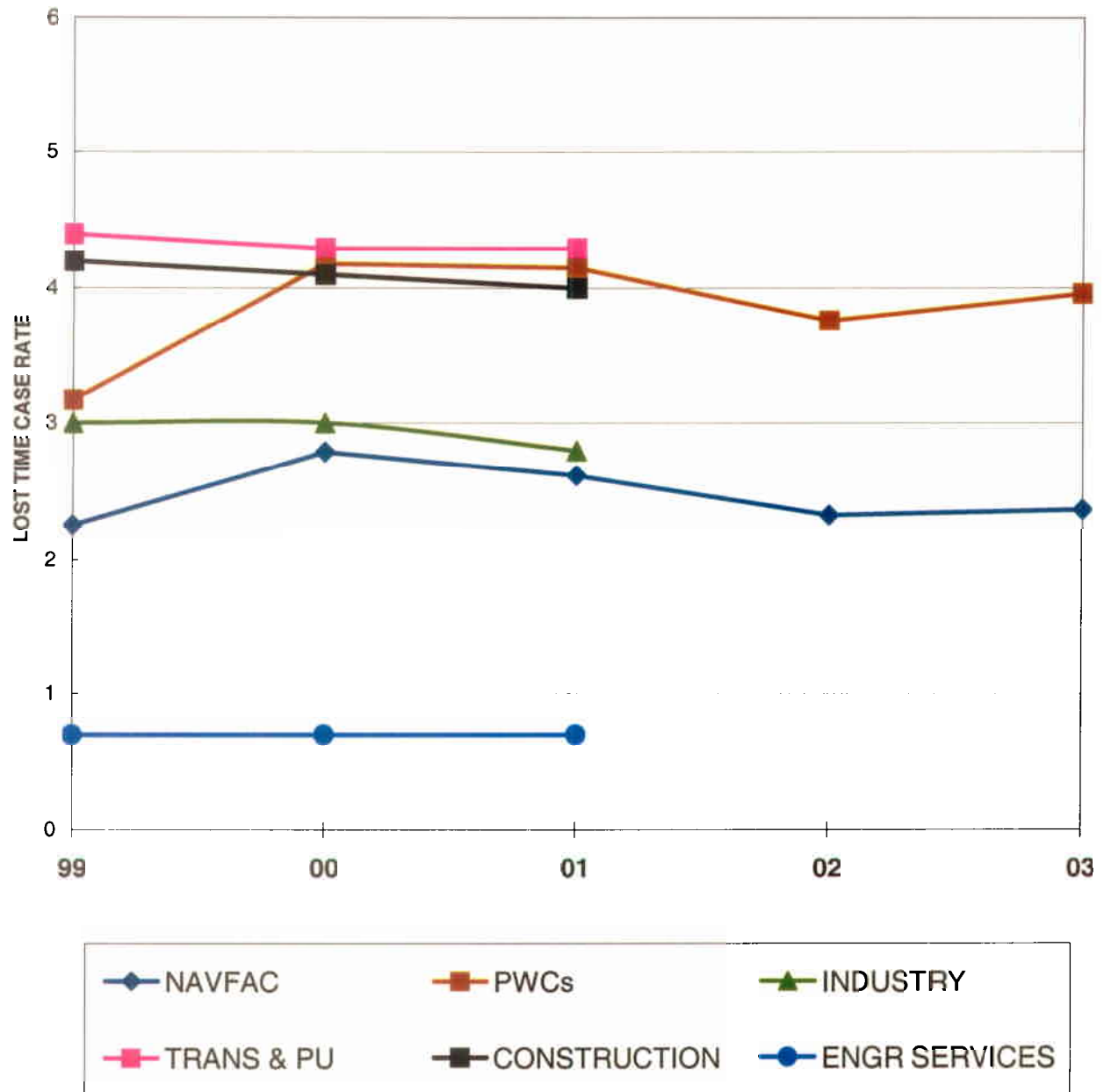
NAVFACENGCOM MISHAP PERFORMANCE SUMMARY FY03 FINAL

ACTIVITY	UIC	POP	LT CASES YTD	LT CR	NLT CASES YTD	NLT CR	TOTAL CASES	TCR
PUBLIC WORK CENTERS								
PWC NORFOLK	00187	2560	125	4.88	54	2.11	179	6.99
PWC SAN DIEGO	63387	1526	52	3.41	46	3.01	98	6.42
PWC JACKSONVILLE	68931	269	5	1.86	12	4.45	17	6.31
PWC PENSACOLA	65114	111	6	5.39	14	12.57	20	17.95
PWC PEARL	62755	954	37	3.88	27	2.83	64	6.71
PWC GREAT LAKES	65113	481	12	2.49	21	4.36	33	6.85
PWC WASHINGTON DC	68925	568	23	4.05	14	2.47	37	6.52
PWC GUAM	62395	62	0	0.00	0	0.00	0	0.00
PWC YOKOSUKA	65115	32	0	0.00	0	0.00	0	0.00
PWC SUB-TOTAL		6564	260	3.96	188	2.86	448	6.83
DIVISIONS								
SODIV CHARLESTON SC	62467	857	3	0.35	4	0.47	7	0.82
EFA SOUTHEAST JAX FL	69272	0	0	0.00	0	0.00	0	0.00
EFA MIDWEST, GL, IL*	62467							0.00
SOUTHDIV TOTAL		857	3	0.35	4	0.47	7	0.82
LANTDIV NORFOLK VA	62470	811	6	0.74	3	0.37	9	1.11
EFA CHESVA	62477	328	3	0.92	1	0.31	4	1.22
EFA NE PHILLY PA	62472	289	2	0.69	4	1.38	6	2.08
EFA MED, NAPLES, ITALY	33191	61	0	0.00	0	0.00	0	0.00
LANTDIV TOTAL		1488	11	0.74	8	0.54	19	1.28
SWESTDIV SAN DIEGO CA	68711	1095	6	0.55	4	0.37	10	0.91
EFA NORTHWEST POULSBO WA	44255	242	0	0.00	2	0.83	2	0.83
EFA WEST, DALY CITY, CA**	68711			0.00				
SWESTDIV TOTAL		1337	5	0.37	6	0.45	11	0.82
PACDIV PEARL HARBOR HI	62742	639	3	0.47	3	0.47	6	0.94
OICC, MARIANAS, GUAM	62766	50	0	0.00	0	0.00	0	0.00
OICC FE, YOKOSUKA, JAPAN	62836	8	0	0.00	0	0.00	0	0.00
PACDIV TOTAL		696	3	0.43	3	0.43	6	0.86
DIVISION SUB-TOTAL		4379	23	0.53	21	0.48	44	1.00
SPECIALITY UNITS								
CBC PORT HUENEME CA	62583	248	3	1.21	3	1.21	6	2.42
NAVAL FACILITIES INSTITUTE	47408	63	1	1.59	0	0.00	1	1.59
NFESC	69218	506	1	0.20	3	0.59	4	0.79
NCC LESTER PA	3258A	85	0	0.00	1	1.18	1	1.18
HQ NAVFACENGCOM	00025/45615	290	0	0.00	1	0.34	1	0.34
			0	0.00	0	0.00	0	0.00
SPECIALITY UNIT TOTAL		1191	5	0.42	8	0.67	13	1.09
					0	0.00	0	0.00
NAVFACENGCOM TOTAL		12134	288	2.37	217	1.79	505	4.16

* Mishap included under SODIV Charleston
 ** Mishaps included under SWESTDIV

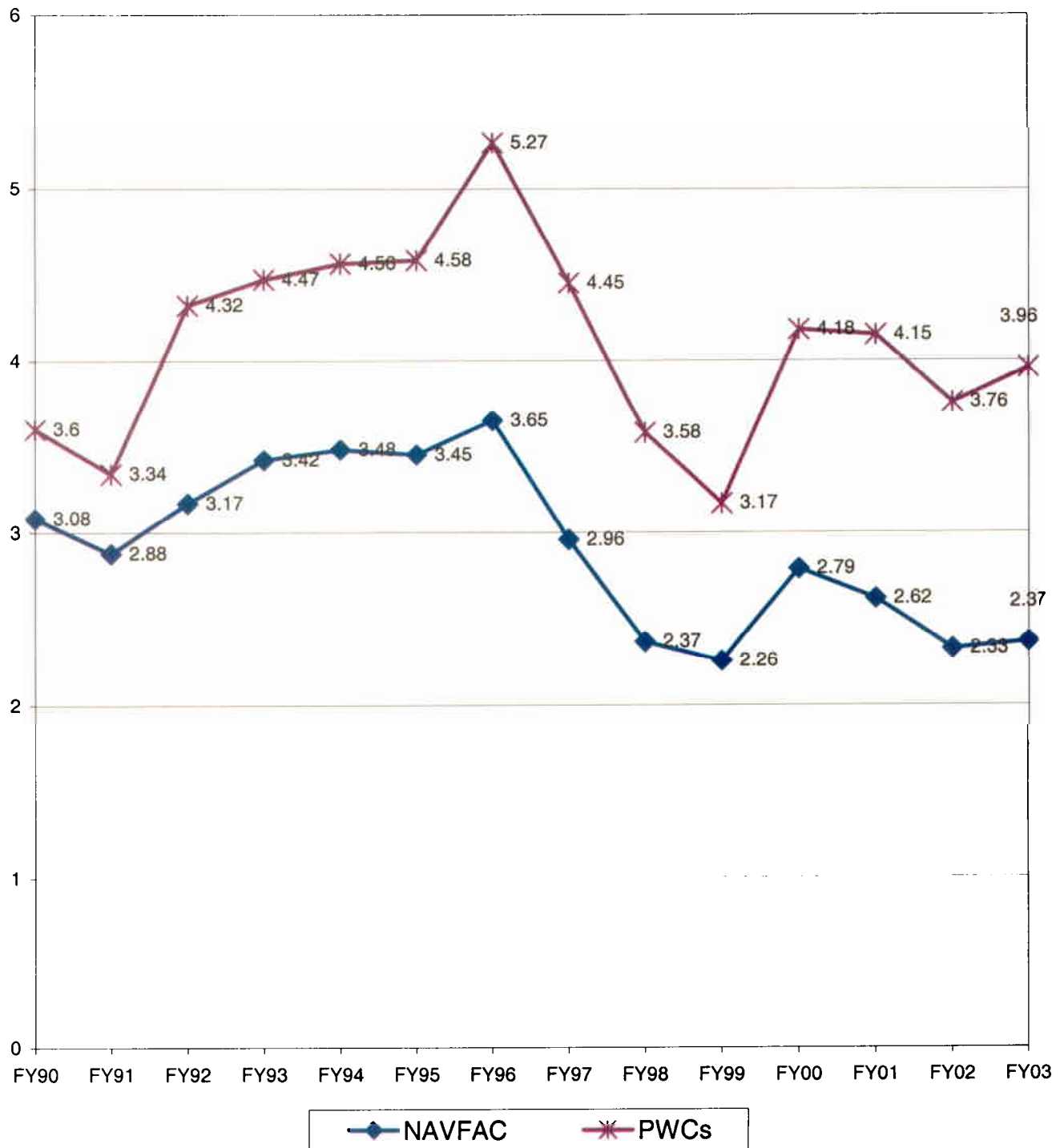
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■ MET 10% REDUCTION GOAL

LOST TIME CASE RATE (LTCR)
COMPARISON 1999 - 2003

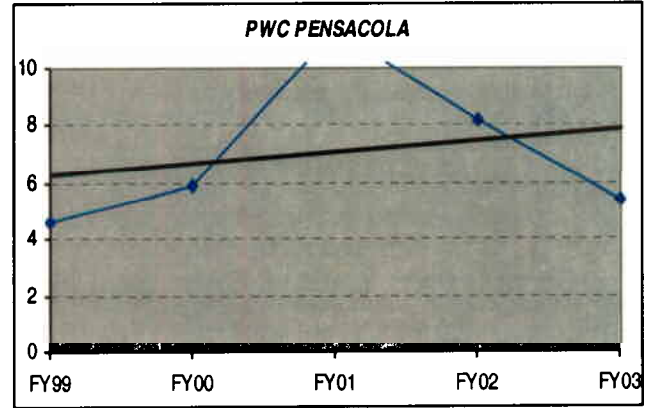
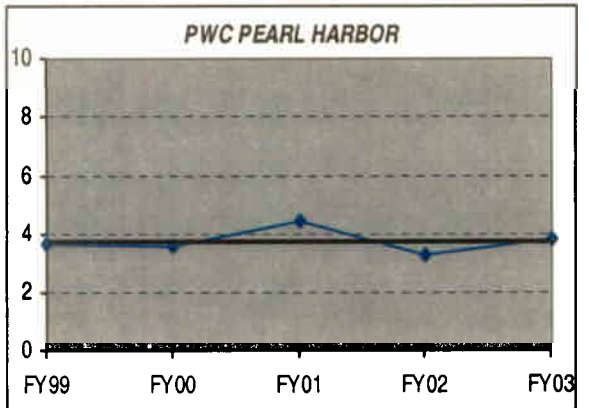
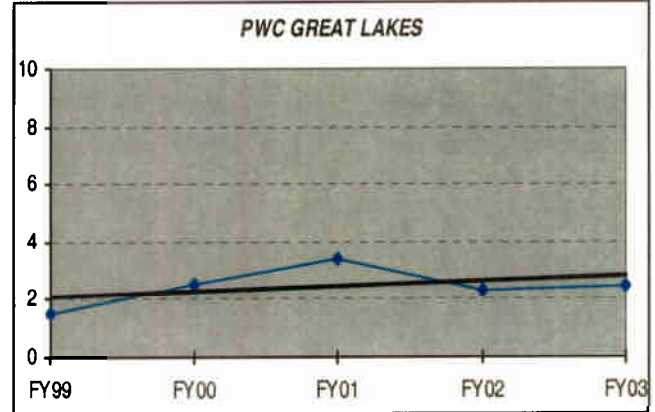
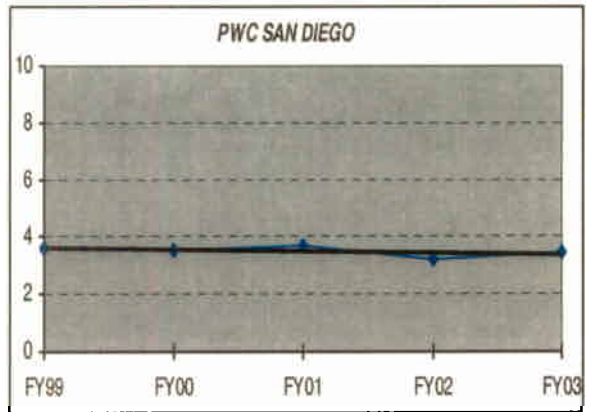
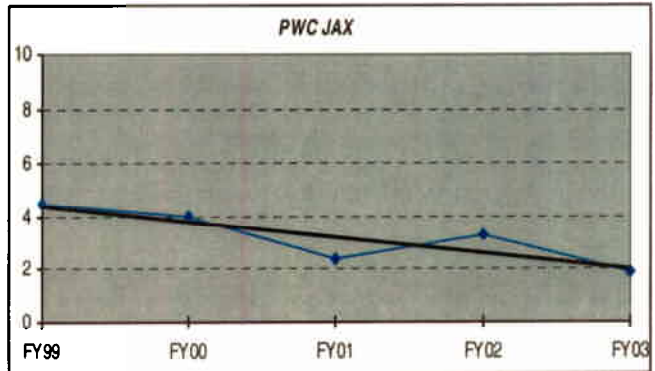
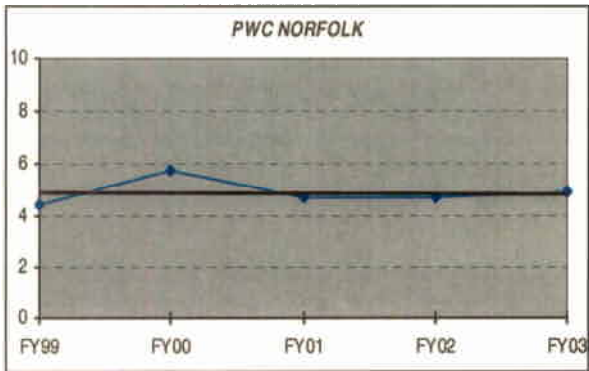


Industry Data from BLS
2002/03 data not yet available

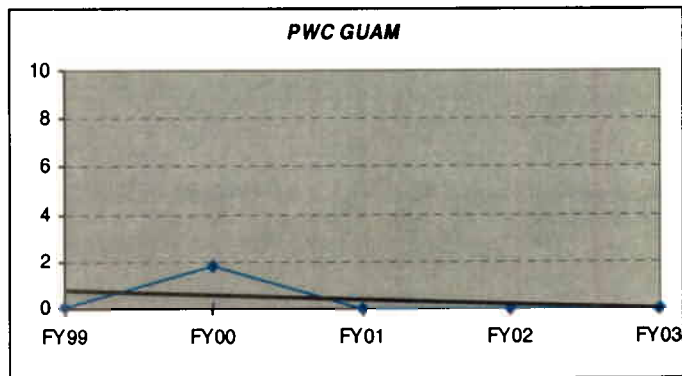
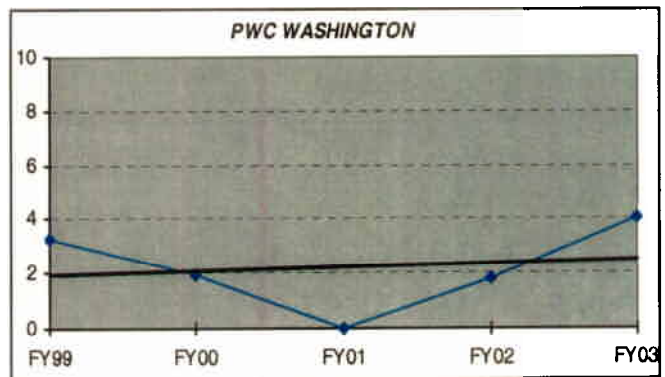
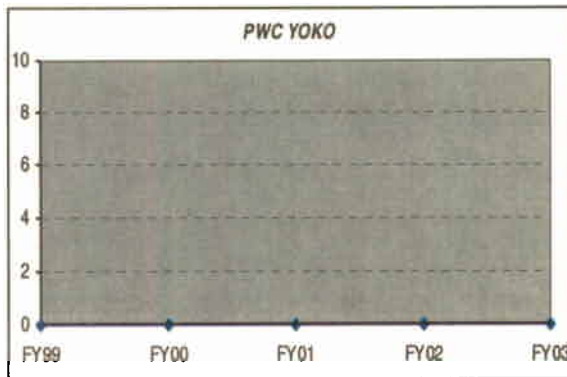
**NAVFACENGCOM & PWC'S
LOST TIME CASE RATE
FY90-FY03**



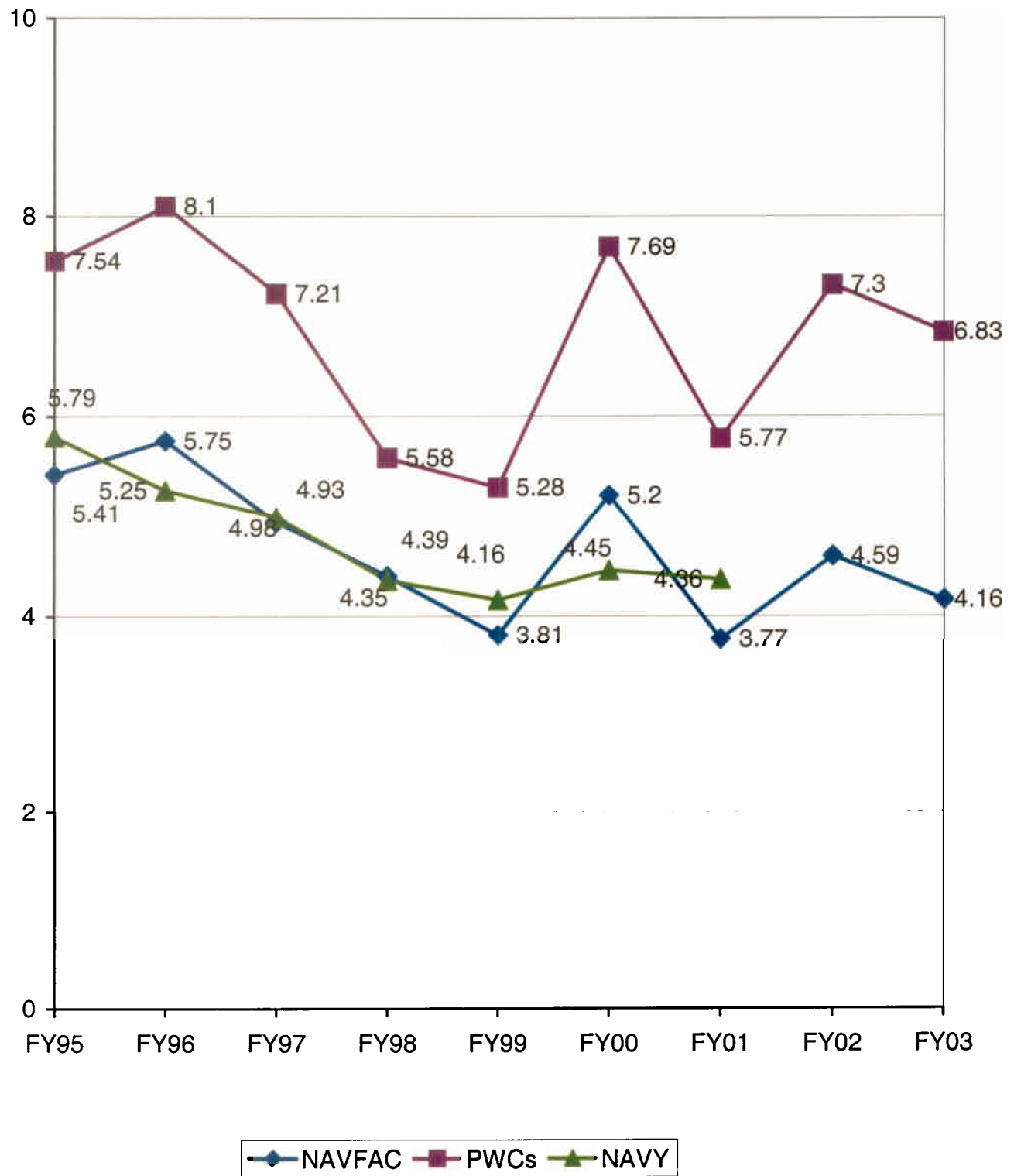
PWC LOST TIME MISHAP CASE RATES
FY99-03



PWC LOST TIME MISHAP CASE RATES
FY99-03



**NAVY/NAVFAC/PWC TOTAL CASE RATE
(FY95 - FY03)**

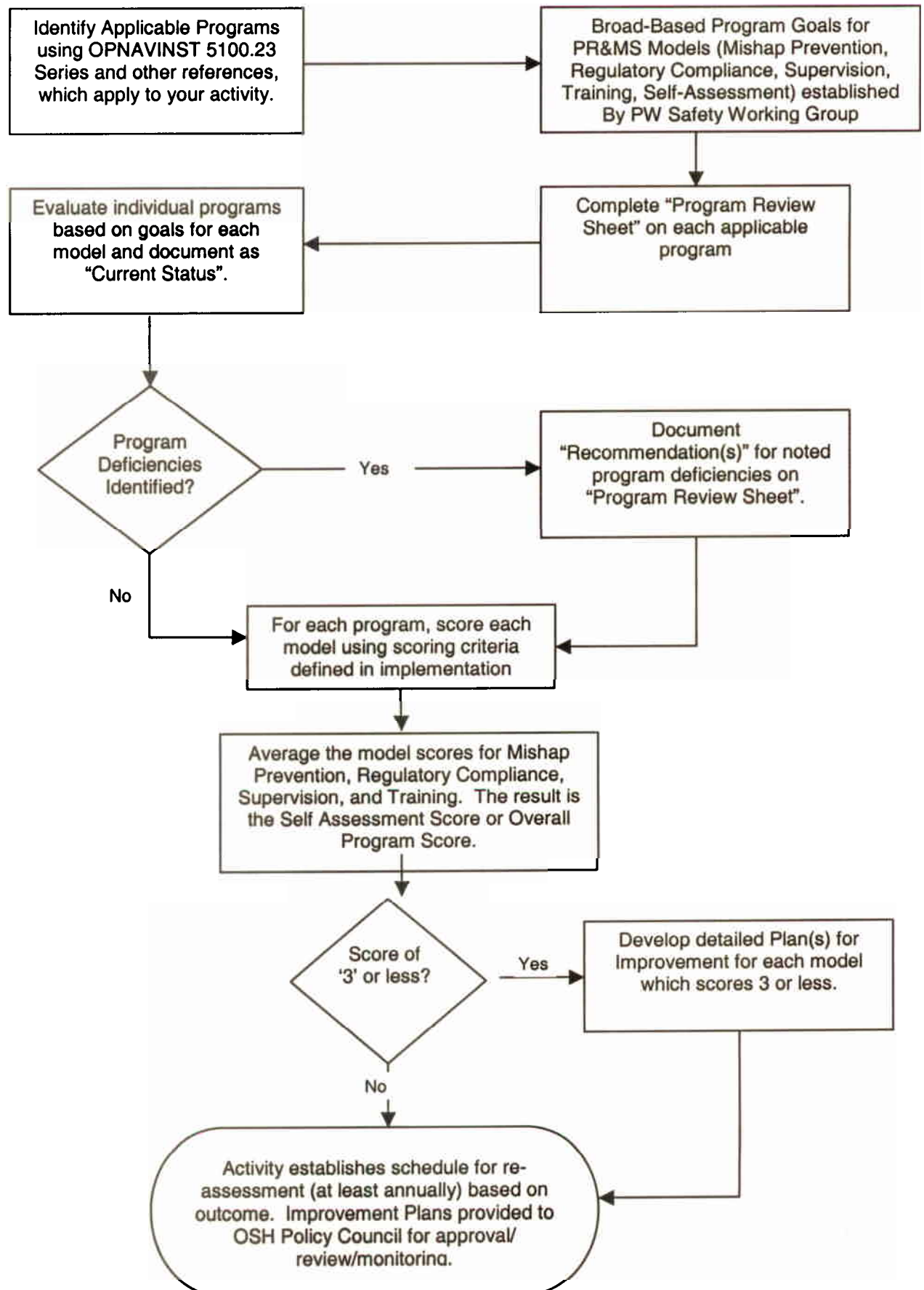


CONSOLIDATED PWC OSH PROGRAM ASSESSMENT FOR FY 03

To comply with requirements of OPNAVINST 5100.23 Series, the NAVFAC Safety Support Office in coordination with the Public Works Safety Working Group developed a process that requires applying the four Process Review and Measurement System models (Mishap Prevention, Regulatory Compliance, Supervision, and Training) to each major program, assigning a numeric assessment score to each model, and then using the scores as a self-assessment indicator.

An overview of the process and the consolidated scores for all reporting Public Works Centers is provided on the following pages.

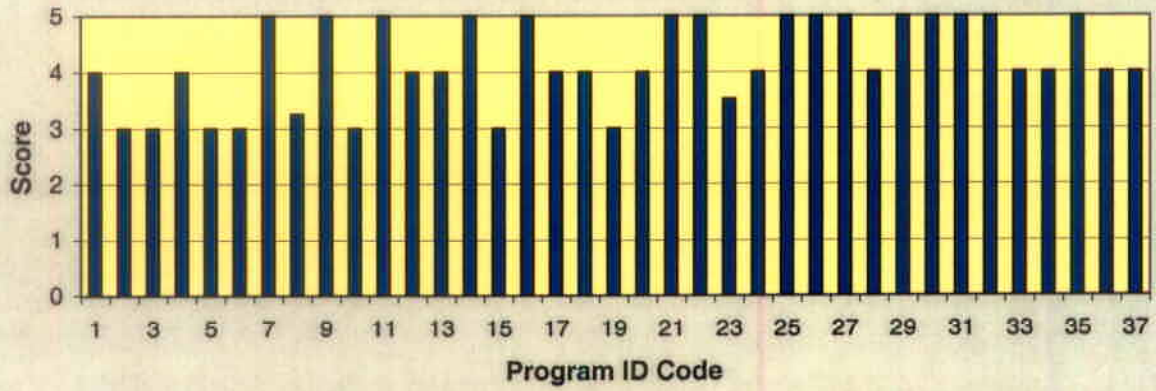
OVERVIEW



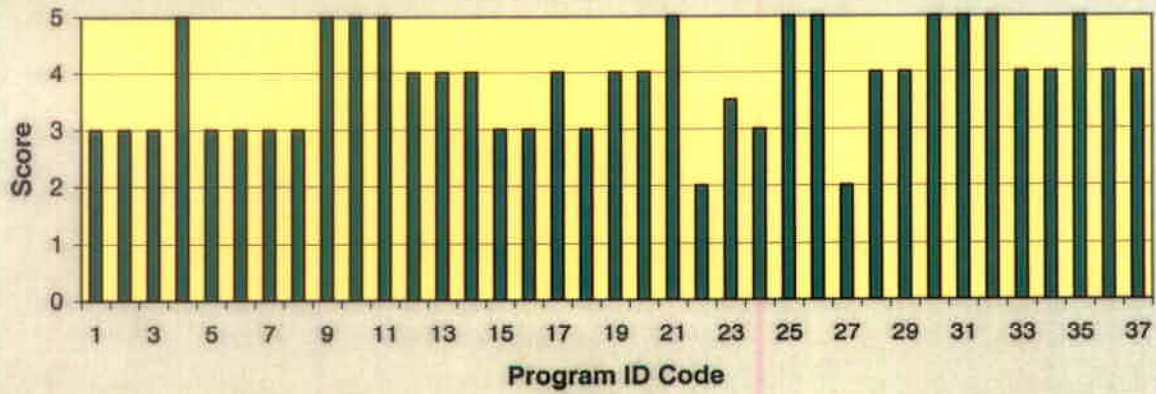
FY03 OSHPA FINAL SELF ASSESSMENT SUMMARY

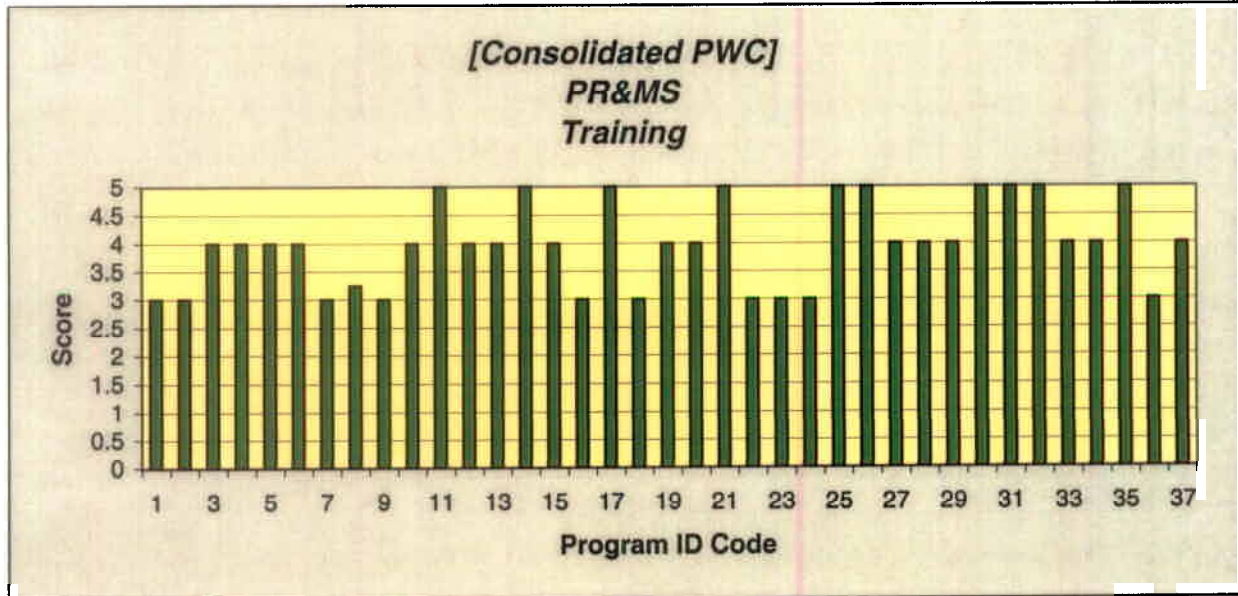
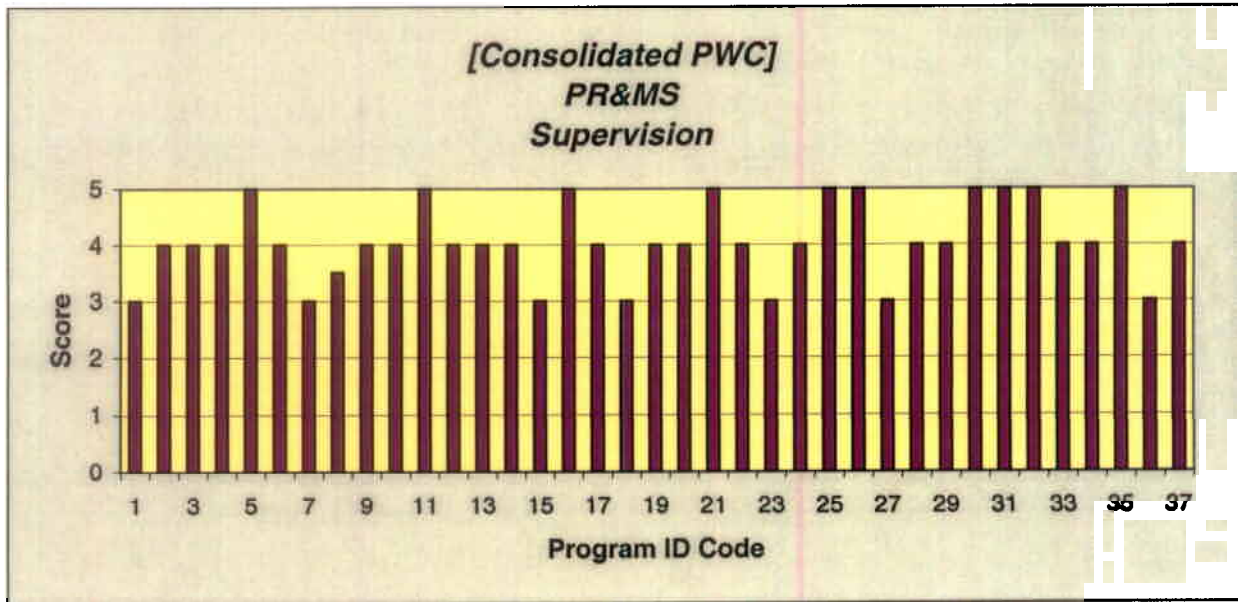
Program ID Code	Program	Mishap Prevention	Regulatory Compliance	Supervision	Training	Self Assessment
1	Fall Protection	4	3	3	3	3.25
2	Responsibilities	3	3	4	3	3.25
3	Organization and Staffing	3	3	4	4	3.50
4	Councils and Committees	4	5	4	4	4.25
5	Prevention/Control of Workplace Hazards-ORM/JHA/	3	3	5	4	3.75
6	Training	3	3	4	4	3.50
7	Hazardous Material Control and Management	5	3	3	3	3.50
8	Occupational Health	3	3	4	3	3.25
9	NAVOSH Inspection Program	5	5	4	3	4.25
10	Employee Reports of Unsafe Working Conditions	3	5	4	4	4.00
11	Federal/State OSHA Inspections/Investigations	5	5	5	5	5.00
12	Hazard Abatement Program	4	4	4	4	4.00
13	Explosives Safety	4	4	4	4	4.00
14	Mishap Investigation, Reporting, and Recordkeeping	5	4	4	5	4.50
15	Respiratory Protection	3	3	3	4	3.25
16	Motor Vehicle/Traffic Safety	5	3	5	3	4.00
17	Asbestos Control	4	4	4	5	4.25
18	Hearing Conservation and Noise Abatement	4	3	3	3	3.25
19	Sight Conservation	3	4	4	4	3.75
20	Personal Protective Equipment	4	4	4	4	4.00
21	Lead	5	5	5	5	5.00
22	Non-Ionizing Radiation	5	2	4	3	3.50
23	Ergonomics Program	4	4	3	3	3.25
24	Energy Control Program (Lockout/Tagout)	4	3	4	3	3.50
25	Polychlorinated Biphenyls (PCB)	5	5	5	5	5.00
26	Man-Made Vitreous Fibers	5	5	5	5	5.00
27	Confined Space Entry (CSE) Program (Non-Maritime)	5	2	3	4	3.50
28	Bloodborne Pathogens	4	4	4	4	4.00
29	Occupational Reproductive Hazards	5	4	4	4	4.25
30	Indoor Air Quality Management	5	5	5	5	5.00
31	Weight Handling Equipment	5	5	5	5	5.00
32	Safety and Occ. Health Awards Program Ashore	5	5	5	5	5.00
33	Utilities, Transmission, Distribution Systems	4	4	4	4	4.00
34	Scaffolding	4	4	4	4	4.00
35	Contract/Contractor Oversight	5	5	5	5	5.00
36	ENV. Pest Control, Emergency Response, Oil spill	4	4	3	3	3.50
37	Trenching/Excavation	4	4	4	4	4.00
	Overall Model Score	4.18	3.88	4.07	3.98	4.03
	Scoring Criteria					
	5 - Substantial compliance					
	4 - Significant compliance. No critical deficiencies have been noted but specific improvements should be implemented					
	3 - Partial compliance. No critical deficiencies have been noted but major improvement should be implemented					
	2 - Minimal compliance. Major program improvements are required immediately. Critical deficiencies may exist.					
	1 - No compliance. Program may be inadequate to support a safe and effective environment.					

**[Consolidated PWC]
PR&MS
Mishap Prevention**

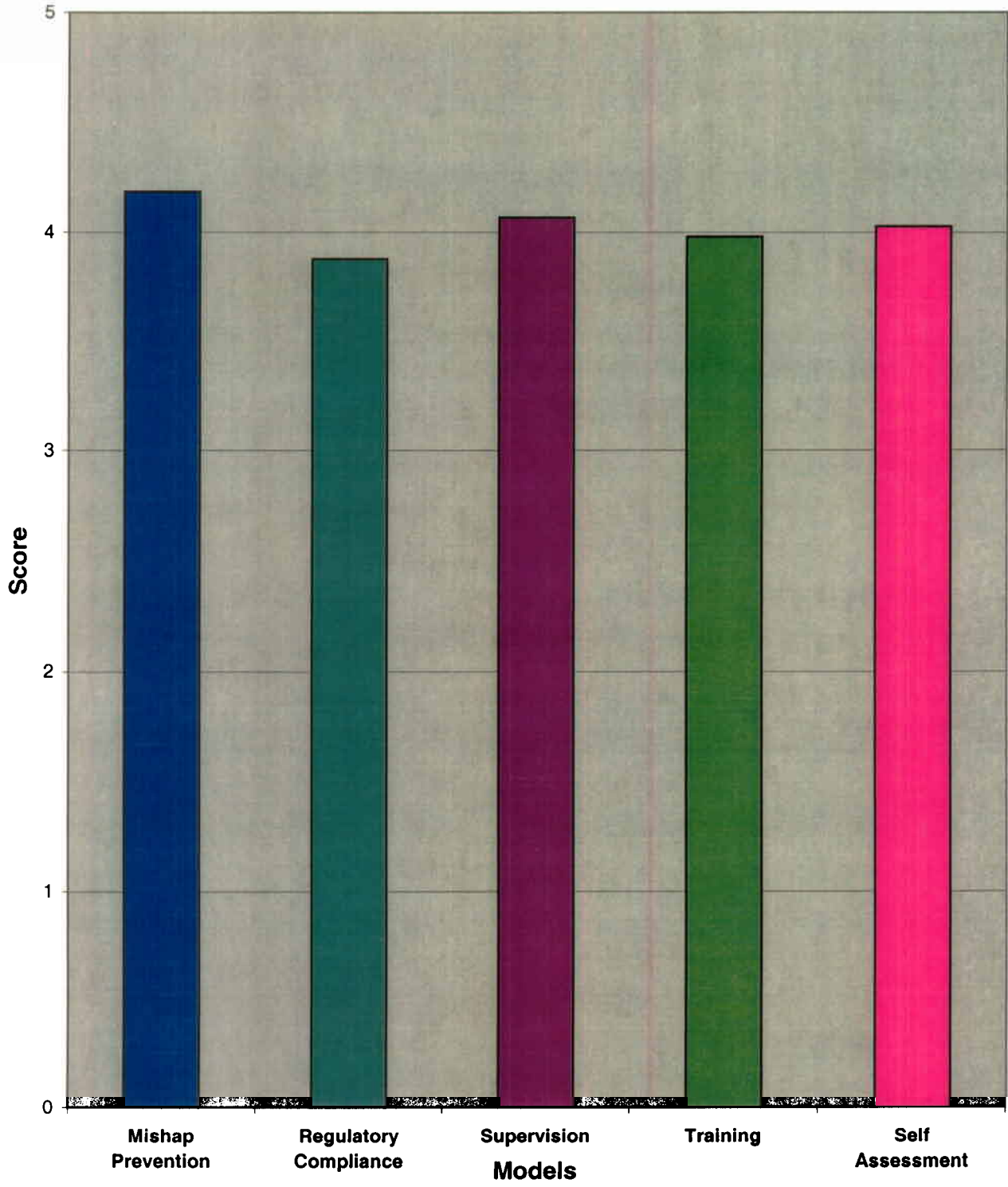


**[Consolidated PWC]
PR&MS
Regulatory Compliance**





[Consolidated PWC]
PROCESS REVIEW AND MEASUREMENT SYSTEM
Model Summary



SECTION II

NAVAL FACILITIES ENGINEERING COMMAND FY04 SAFETY AND HEALTH IMPROVEMENT PLAN

*THIS SECTION DETAILS OUR FY04/05
IMPROVEMENT STRATEGIES AND ACTIONS*



FY04 Program Improvements – Contracts/Construction Safety (CS)

Goal: Standardize Construction safety across NAVFAC

**Target: 0 Contractor Fatalities
Reportable Incidence Rate less than 1.0**

Initiatives	Actions
Contracts	<ul style="list-style-type: none"> Complete policy development of standardized Safety Factor for Contractor Performance process and implement NAVFAC-wide.
EM-385-1-1	<ul style="list-style-type: none"> Update the NAVFAC correspondence courses. Implement correspondence course guidance and testing NAVFAC-wide. Develop CBT/web-based training modules.
Mishap Reporting	<ul style="list-style-type: none"> Finalize draft requirements/guidance and publish in NAVFACINST 5100.11.
Construction Safety Training	<ul style="list-style-type: none"> Re-evaluate, update and issue guidance on the NAVFAC 40-hour Construction Safety Hazard Awareness training course. Develop a contractor safety orientation program for superintendents and safety officers (if funding is available).
Community Management Program	<ul style="list-style-type: none"> Identify courses for Construction Safety competencies.
Self-Assessment	<ul style="list-style-type: none"> Implement the Navy/NAVFAC PW Occupational Safety & Health Program Assessment (OSHPA) Process at EFD/EFAs. Implement the revised standardized NAVFAC-wide construction safety evaluation/self-assessment survey for EFD/EFA's & ROICC's.
Information Technology	<ul style="list-style-type: none"> Develop and provide standardized in-house training plans for field activity training.



FY04 Program Improvement – Public Works Safety (PW)

Goal: Standardize Public Works safety across NAVFAC
***Continuous program improvement as indicated by
 validated self-assessments and reduction of lost time mishaps
 and lost productive days***

Initiatives	Actions
Self-Assessments	<ul style="list-style-type: none"> • Re-evaluate and modify as required, the standardized self-assessment process & format. • Conduct quarterly analyses of standard metrics/leading indicators to identify command wide opportunities for improvement.
Public Works Safety Training	<ul style="list-style-type: none"> • Develop matrix of delivery vehicles including CBTs for unique PW safety training. • Develop standardized ergonomics, fall protection & electrical safety training programs.
Electrical Safety	<ul style="list-style-type: none"> • Develop and publish UFC xxxxxx (Chair tri-service group in revision of MIL-HDBK 1025/10). • Revise/Update in coordination with EICO the Electrical Safety Field Guide.
Mold Remediation	<ul style="list-style-type: none"> • Develop in coordination with EICO/NEHC a UFGS for Mold Remediation. • Develop a standardized training program for Architects & Engineers.
Operational Risk Management	<ul style="list-style-type: none"> • Issue standardized operating procedures/job hazard analysis for common Public Works Operations.
Resource Requirements (Automation)	<ul style="list-style-type: none"> • Modify OSHMAP to meet all PWCs needs. • Roll out OSHMAP to PWCs Norfolk, Glakes, Washington & Pearl.
Information Technology	<ul style="list-style-type: none"> • Update & expand the Public Works Safety Web Page.